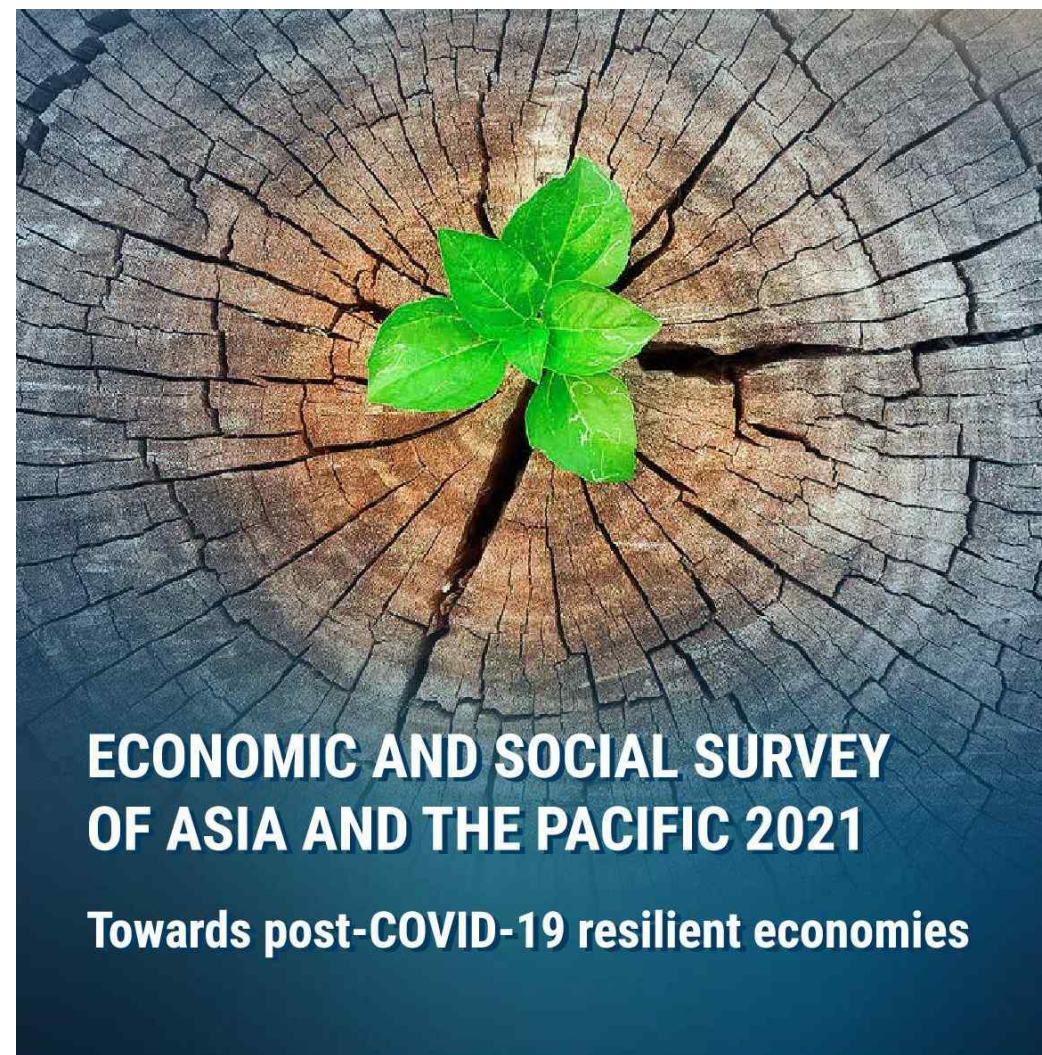


**EAST AND NORTH-EAST ASIA
POLICY DIALOGUE (ONLINE)
ECONOMIC AND SOCIAL SURVEY OF
ASIA AND THE PACIFIC 2021**

*Towards post-COVID-19
resilient economies*

19 April 2021

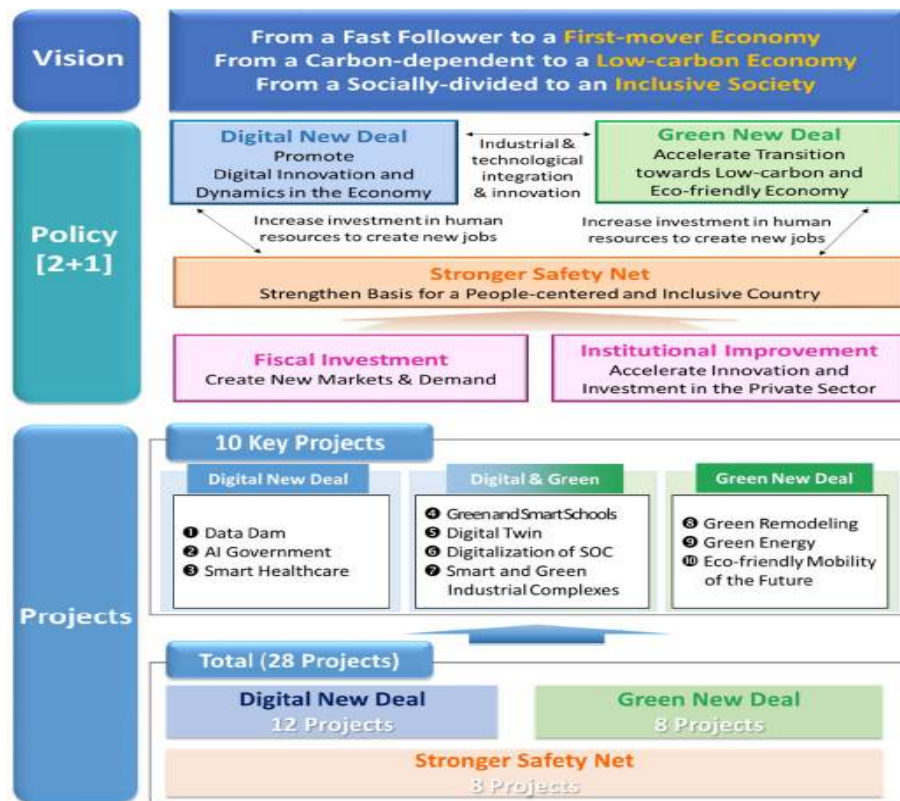
CHU, Jang Min
(Korea Environment Institute)



How does the policy promote post-pandemic sustainability and resilience in line with the 2030 Agenda for Sustainable Development?

■ Implementation of 「The Korean New Deal: National Strategy for a Great Transformation」 ('20~'25)

[Overview of the Korean New Deal]



Source: Government of the Republic of Korea(2020, 9~13)

[Investment and Job Creation]

(trillion won, thousand jobs)

Area	Investment		Job Creation
	2020~2022	2020~2025	2020~2025
Digital New Deal	18.6	44.8	903
Green New Deal	19.6	42.7	387
Stronger Safety Net	10.8	22.6	159
Total	49.0	114.1	1,901

- a **smart country** that is at the center of a digital transition based on data, network and artificial intelligence (DNA) infrastructure¹;
- a **green country** that achieves a balance among people, nature and growth through a green transition towards net-zero emissions as a responsible member of the global community, and
- a **safe country** that invests in human resources for a strong employment and social safety net.

How does the policy promote post-pandemic sustainability and resilience in line with the 2030 Agenda for Sustainable Development?

■ 「Korean Green New Deal」

- (Background) **Emphasis on Importance of climate change policy and de-carbon transformation**
- (Direction) **Green transformation of infrastructures and energy + Innovation in the green industry → Net-Zero Society**
- (Investment) **73.4 trillion Korean won(including private investment) by 2025 / 659,000 Job Creation**

		(trillion won, thousand jobs)			
Focus Areas	Projects	2020 SB -2022	2020 SB -2025	# of Jobs	
Green New Deal	Total	19.6	42.7	659	
	Sub-total	6.1	12.1	387	
	5. Green Transition of Infrastructures	13) Turning public facilities into zero-energy buildings	2.6	6.2	243
		14) Restoring the terrestrial, marine and urban ecosystems	1.2	2.5	105
		15) Building a management system for clean and safe water	2.3	3.4	39
	Sub-total	10.3	24.3	209	
	6. Low-carbon and Decentralized Energy	16) Building a smart grid for more efficient energy management	1.1	2.0	20
		17) Promoting renewable energy use and supporting a fair transition	3.6	9.2	38
		18) Expanding the supply of electric and hydrogen vehicles	5.6	13.1	151
	Sub-total	3.2	6.3	63	
7. Innovation in the Green Industry	19) Promoting prospective businesses to lead the green industry and establishing low-carbon and green industrial complexes	2.0	3.6	47	
	20) Laying the foundation for green innovation via the R&D and financial sectors	1.2	2.7	16	

[Status of the Green New Deal]

- ✓ A strategy to build the legal, institutional, financial, organizational, technology and social consensus basis for 2050 Net Zero long term plan
- ✓ To serve as stepping stone to reach carbon neutrality by 2050

Source: Government of the Republic of Korea(2020, 13), CHU(2020)

How does the policy promote post-pandemic sustainability and resilience in line with the 2030 Agenda for Sustainable Development?

■ 「**2050 Carbon Neutral Strategy of ROK: Towards a Sustainable and Green Society**」 (Dec. 2020)

✓ (Vision) **To move towards the goal of carbon neutrality by 2050**

✓ (7 Sectors) **Energy, Industry, Transportation, Building, Waste, Farming, Carbon sinks**

✓ (5 Key elements))

- ① Expanding the use of clean power and hydrogen across all sectors
- ② Improving energy efficiency to a significant level
- ③ Commercial deployment of carbon removal and other future technologies
- ④ Scaling up the circular economy to improve industrial sustainability
- ⑤ Enhancing carbon sinks

Source: Government of the Republic of Korea(2020, 7-11)

What are existing challenges inhibiting the envisaged impacts of the policy that need to be addressed?

■ Challenges of Policy Establishment and Implementation

- ✓ **(Social Consensus and Common Understanding) Not yet formed**
 - Long term great transformation strategy (government) VS. green recovery project to stimulate the economy in response to COVID-19 (keywords in NAVER article From May to October, 2020)
- ✓ **(Institutionalization) Mainstreaming of policy**
 - Establishment of 2050 Net-Zero Road Map, Introduction of Law, Budget and Taxonomy System, Ensuring of Implementation system Stability
- ✓ **(Governance and Communication Platform) National Great Deal**
 - Conflict among stakeholders and regions, Just Transformation mechanism, Resect of existing relevant governance system, Citizen participation policy making process
- ✓ **(Global Context) New Normal**
 - Complexed Factors influencing international cooperation (Positive + Negative)

How can regional cooperation and collaboration help?

■ **Condition of Regional Cooperation**_(CHU, 2020)

✓ **(Negative)**

- **Continuous Lockdown or Restriction of cross-border movement**
- **Failure to operate on-off cooperation platforms, institutional and personal networks**
- **Limits communication and the implementation of agreements**

✓ **(Positive)**

- **Emerging cooperation need for safe and resilient environment and human society as global public goods**
- **Forming global consensus on response to Whole Life Security Crisis of Earth including Climate Crisis**

- **Need to new approach to regional cooperation for response Earth Crisis**
- **Need to establish new communication way and implementation measures**

How can regional cooperation and collaboration help?

■ **Suggestions of Environmental Cooperation**_(CHU, 2020)

✓ **(3 Goals)**

- **Improving the resilience of society and environment to overcome COVID-19**
- **Building a safe global village from the climate crisis**
- **Establishment of non-face-to-face(new normal) environmental cooperation system**

✓ **(6 Strategies)**

- **Strengthen cooperation in the construction of green infrastructure to prevent infectious diseases**
- **Establishment of a joint control system for prevention and joint response of zoonosis**
- **Strengthen cooperation on carbon neutral and smart green city**
- **Expand support for disaster response systems of vulnerable countries**
- **Construction of eco-friendly on-line communication system and capacity building**
- **Establishing an integrated domestic system among relevant departments in each country**



Thanks for your attention
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